

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		of Transmittal of International Search Report 20) as well as, where applicable, Item 5 below.
international application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB 00/00673	25/02/2000	. 04/03/1999
Applicant		
THOMAS SWAN & CO. LTD. et	al.	
This international Search Report has bee according to Article 18. A copy is being tr	on prepared by this international Searching Autansmitted to the international Bureau.	hority and is transmitted to the applicant
This international Search Report consists  It is also accompanied by	s of a total of <u>3</u> sheets.  y a copy of each prior art document cited in this	a report.
Basis of the report		
With regard to the language, the language in which it was filed, un	International search was carried out on the ba liess otherwise indicated under this item.	isks of the international application in the
the International search v Authority (Rule 23.1(b)).	was carried out on the basis of a translation of	the International application furnished to this
was carried out on the basis of the	ne sequence listing :	nternational application, the international search
	onal application in written form. ernational application in computer readable for	m.
	o this Authority in written form.	····
	this Authority in computer readble form.	
the statement that the su	ibsequently fumished written sequence listing as filed has been fumished.	does not go beyond the disclosure in the
the statement that the infumished	formation recorded in computer readable form	is identical to the written sequence listing has been
2. Certain claims were for	und unsearchable (See Box I).	
3. Unity of invention is la	cking (see Box II).	
1		
4. With regard to the title,	wheeltad by the applicant	
	submitted by the applicant. Ished by this Authority to read as follows:	
UIO TOXETIAS DOGIT STADI	Sied by the Addicity to read as ichows.	
5. With regard to the abstract,	when the day the enables of	
th text has been estable	submitted by the applicant. Ished, according to Rule 38.2(b), by this Autho ne date of mailing of this international search re	rity as it appears in Box iii. The applicant may, eport, submit comments to this Authority.
<b>.</b> •	blished with the abstract is Figure No.	
as suggested by the app		X None of the figures.
because the applicant fa	alled to suggest a figure.	<del></del>
because this figure bette	er characterizes the invention.	

## INTERNATIONAL SEARCH BEPORT

International Application No PCT/GB 00/00673

A CLASSIFICATION OF SUBJECT MATTER C07C41/09 C07C41/50 C07C1/20

According to international Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7C

Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.	
X	US 5 831 116 A (WILLEY RONALD J ET AL) 3 November 1998 (1998-11-03) the whole document	1–16	
<b>A</b>	EP 0 652 202 A (JAPAN RES DEV CORP ;IKARIYA TAKAO (JP)) 10 May 1995 (1995-05-10) page 3 -page 4	1–16	
Α	P. KRAMMER ET AL: "Untersuchungenn zum Synthesepotential in überkritischem Wasser" CHEMIE INGENIEUR TECHNIK, vol. 70, no. 12, 1998, pages 1559-1563, XP000791730 Weinheim page 1561 -page 1562	1–16	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the cialmed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
23 May 2000	07/06/2000
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijawljk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Arias-Sanz, J



International Application No PCT/GB 00/00673

(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
W )•	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.				
, χ	GRAY, WILLIAM K. ET AL: "The Continuous Acid-Catalyzed Dehydration of Alcohols in Supercritical Fluids: A New Approach to the Cleaner Synthesis of Acetals, Ketals, and Ethers with High Selectivity"  J. AM. CHEM. SOC. (1999), 121(46), 10711-10718, XP000887316 page 10711; tables 2-6	1-16				
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## INTERNATIONAL SEARCH REPORT

information on patent family member

International Application No PCT/GB 00/00673

Patent document bited in search report		Publication date	Patent family member(s)	Publication date
US 5831116	A	03-11-1998	NONE	
EP 0652202	A	10-05-1995	JP 2927677 B JP 7330666 A JP 2962649 B JP 7330698 A CA 2135138 A DE 69403610 D DE 69403610 T DK 652202 T JP 2774076 B JP 7173098 A US 5639910 A US 5763662 A US 5869739 A	28-07-1999 19-12-1995 12-10-1999 19-12-1995 05-05-1995 10-07-1997 18-12-1997 22-12-1997 09-07-1998 11-07-1995 17-06-1997 09-06-1998 09-02-1999